

BEST AVAILABLE COPY**Abstract of the Disclosure**

A method of monitoring monitored locations by means of a monitoring system. The monitoring system comprises a plurality of monitoring modules 1, each of which has a light-sensitive sensor for monitoring the monitored locations. The monitoring system further comprises a remote monitoring station 3 with an operator. The method comprises the steps of recording by each of the monitoring modules 1 an image of the monitored location associated with the monitoring module 1, extracting in each of the monitoring modules an area in the recorded image that differs from a reference image, and extracting in each of the monitoring modules an object from the area. The method further comprises classifying in each of the monitoring modules 1 the object based on characteristics, such as a characteristic of the type: size, shape and/or movement history, associated with the object, if the object is a human alarm object, and, if the object is classified as a human alarm object, transmitting data representing the area in a stylized way to the monitoring station 3, and recreating said transmitted data in the monitoring station 3 and displaying the same to the operator for verification of the human alarm object.

Elected for publication = Fig. 1